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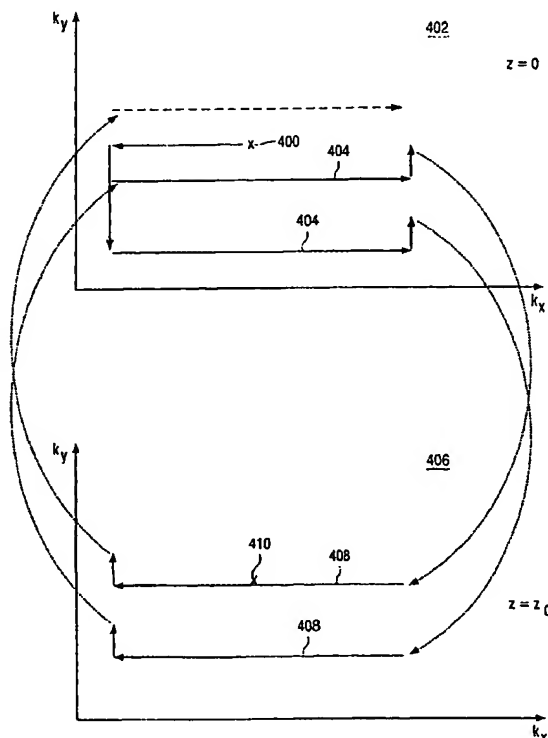
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(54) Title: A METHOD FOR K-SPACE DATA ACQUISITION AND MRI DEVICE



(57) **Abstract:** The invention relates to a method for interleaved k-space data acquisition for magnetic resonance imaging (MRI), the k-spaces having a first coordinate axis and a second coordinate axis, the method comprising: a) sampling into a first direction along the first coordinate axis, b) applying a first compensation pulse, c) sampling into a second direction along the first coordinate axis, the second direction being opposite to the first direction, applying a second compensation pulse, d) repetitively carrying out the steps a) to d).

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